

Antileukoproteinase Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252024

Unit: 0.1 mg

Description:

Antileukoproteinase (ALP) is an acid-stable proteinase inhibitor with strong affinities for trypsin, chymotrypsin, elastase, and cathepsin G. ALP prevents elastase-mediated damage to oral and possibly other mucosal tissues. The inflammation-mediated release of neutrophil elastase in the lungs of patients whose levels of active alpha-1-antiprotease are compromised by genetic background, cigarette smoking, air pollutants, or a combination of all three can result in severe lung damage and a decreased lifespan. The relatively small size of ALP, its lack of glycosylation and its stability make this protein a candidate for use as a therapeutic agent in diseases mediated by leukocyte elastase-antielastase imbalances.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

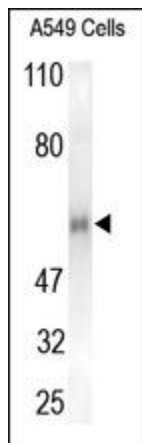
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Antileukoproteinase; ALP; Secretory leukocyte protease inhibitor; HUSI-1; Seminal proteinase inhibitor; BLPI; Mucus proteinase inhibitor; MPI; WAP four-disulfide core domain protein 4; Protease inhibitor WAP4; SLPI; WAP4; WFDC4

Accession No.: P03973

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human antileukoproteinase.

Application Notes: E: 1:10,000-1:40,000; WB: 1:200-1:500



The Antileukoproteinase Antibody (Cat. No. 252024) is used in Western blot to detect antileukoproteinase in A549 cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.